Doc code: IDS Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (01-10)

Approved for use through 07/31/2012. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|                                                               | Application Number   |                    | 10583303              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------|----------------------|--------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                               | Filing Date          |                    | 2006-06-17            | A CONTRACTOR OF THE CONTRACTOR |
| INFORMATION DISCLOSURE                                        | First Named Inventor | Andre              | Andreas Ritter, et al |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | Art Unit             |                    | 3725                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ( Not for submission under 37 CFR 1.99)                       | Examiner Name        | Pradeep C. Battula |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                               | Attorney Docket Numb | er                 | HM-717                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

| U.S.PATENTS                                                                                 |                                                    |                         |                                |           |                           |                                                 |                                                       |                                                                            |                                                                                   |    |  |
|---------------------------------------------------------------------------------------------|----------------------------------------------------|-------------------------|--------------------------------|-----------|---------------------------|-------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----|--|
| Examiner<br>Initial*                                                                        | Cite<br>No                                         | Patent Number           | Kind<br>Code <sup>1</sup>      | Issue [   | Date                      | Name of Patentee or Applicant of cited Document |                                                       | Rele                                                                       | es,Columns,Lines where<br>vant Passages or Relev<br>res Appear                    |    |  |
|                                                                                             | 1                                                  |                         |                                |           |                           |                                                 |                                                       |                                                                            |                                                                                   |    |  |
| If you wish to add additional U.S. Patent citation information please click the Add button. |                                                    |                         |                                |           |                           |                                                 |                                                       |                                                                            |                                                                                   |    |  |
| U.S.PATENT APPLICATION PUBLICATIONS                                                         |                                                    |                         |                                |           |                           |                                                 |                                                       |                                                                            |                                                                                   |    |  |
| Examiner<br>Initial*                                                                        | Cite N                                             | Publication<br>Number   | Kind Publication               |           | ation                     | Name of Patentee or Applicant of cited Document |                                                       | Pages,Columns,Lines where<br>Relevant Passages or Releva<br>Figures Appear |                                                                                   |    |  |
|                                                                                             | 1                                                  |                         |                                |           |                           |                                                 |                                                       |                                                                            |                                                                                   |    |  |
| If you wish                                                                                 | n to ad                                            | d additional U.S. Publi | shed Ap                        | plication | citatio                   | n information p                                 | please click the Add                                  | butto                                                                      | on.                                                                               |    |  |
|                                                                                             |                                                    |                         |                                | FOREIG    | SN PAT                    | ENT DOCUM                                       | ENTS                                                  |                                                                            |                                                                                   |    |  |
| Examiner<br>Initial*                                                                        | er Cite Foreign Document<br>No Number <sup>3</sup> |                         | Country<br>Code <sup>2</sup> i |           | Kind<br>Code <sup>4</sup> | Publication<br>Date                             | Name of Patentee or<br>Applicant of cited<br>Document |                                                                            | Pages, Columns, Lines<br>where Relevant<br>Passages or Relevant<br>Figures Appear | T5 |  |
|                                                                                             | 1                                                  | 5285504                 | JP                             |           |                           | 1993-11-02                                      | HITACHI LTD                                           |                                                                            | ALL                                                                               |    |  |
|                                                                                             | 2                                                  | 8267114                 | JP                             |           |                           | 1996-10-15                                      | KAWASAKI STEEL CO                                     |                                                                            | ALL                                                                               |    |  |
|                                                                                             | 3                                                  | 0555882                 | EP                             |           |                           | 1993-08-18                                      | HITACHI LTD                                           |                                                                            | ALL                                                                               |    |  |

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

( Not for submission under 37 CFR 1.99)

| Application Number     |       | 10583303          |  |  |
|------------------------|-------|-------------------|--|--|
| Filing Date            |       | 2006-06-17        |  |  |
| First Named Inventor   | Andre | eas Ritter, et al |  |  |
| Art Unit               |       | 3725              |  |  |
| Examiner Name          | Prade | ep C. Battula     |  |  |
| Attorney Docket Number |       | HM-717            |  |  |

| If you wis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | h to ac    | ld addition                                                                                          | al Foreign Patent Document citation information please click the Add button   | 1      |   |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------|---|--|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |                                                                                                      | NON-PATENT LITERATURE DOCUMENTS                                               |        |   |  |
| Examiner<br>Initials*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Cite<br>No | (hook magazine lournal serial symbosium catalog, etc.), date, bades(s), volutile-issue iluitibei(s), |                                                                               |        |   |  |
| Andrew An | 1          |                                                                                                      |                                                                               |        |   |  |
| If you wis                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | h to ac    | d additiona                                                                                          | al non-patent literature document citation information please click the Add b | outton |   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |                                                                                                      | EXAMINER SIGNATURE                                                            |        | , |  |
| Examiner                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Signa      | ture                                                                                                 | Date Considered                                                               |        |   |  |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            |                                                                                                      |                                                                               |        |   |  |
| <sup>1</sup> See Kind Codes of USPTO Patent Documents at <a href="https://www.USPTO.GOV">www.USPTO.GOV</a> or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |                                                                                                      |                                                                               |        |   |  |